

**In the Drawings:**

The words "PRIOR ART" were added to FIGS. 1-11 and 25.

Attachment: Replacement Drawings

**REMARKS**

Initially, applicants thank the Examiner for taking the time to conduct an in person interview with applicants' representative on November 20, 2007, to discuss this application. During the interview, applicants' representative and the Examiner discussed their understanding of the claim language. The Examiner interpreted the original claim language to require that the voltage across the capacitor dropped 15% from the peak voltage rather than dropping 85% as applicants asserted. Following the discussion, the Examiner recommended amending the claim language to more clearly recite that the voltage across the capacitor falls to a value which is less than 15% of the nominal peak voltage.

Additionally, applicants' representative and the Examiner discussed the Examiner's interpretation of the switching frequency as claimed. The Examiner interpreted the switching frequency to read on a PWM frequency of the power source, rather than the frequency at which the at least one winding is switched. The Examiner recommended amending claim 1 to more clearly recite that the 2kHz feature relates to the frequency of the switching of the winding(s).

The Examiner conceded that the cited references did not disclose all of the limitations as discussed and indicated that a new search would have to be performed on the amended claims.

Figures 1-11 and 25 have been labeled as prior art as recommended by the Examiner.

As also discussed with the Examiner, applicants have maintained claims 11 and 20 due to their recitation of an impeller.

Claims 1-5, 7-16 and 18-22 stand rejected under 35 USC 103(a) on Salama (U.S. Patent No. 6,801,441) in view of Lacy (U.S. Patent No. 4,223,258), Warmbier (U.S. Patent No. 4,223,610), Park (U.S. Patent No. 4,329,630), Bitting (U.S. Patent No. 4,494,055), Cutler (U.S. Patent No. 4,540,920) and Reimann (U.S. Patent No. 4,567,411). Applicants respectfully traverse this rejection.


As noted above, the Examiner has conceded that references do not disclose or suggest all of the features recited in amended claim 1. Specifically, the references do not disclose or suggest “the at least one switched phase winding is switched at a frequency greater than 2kHz” and that “the capacitor is configured such that the voltage across the capacitor has a ripple voltage which is at least 85% of the nominal peak rectified voltage of the source during each cycle of the alternating source.”

Accordingly, claim 1 is allowable. Claims 2-5, 7-16 and 18-22 depend from claim 1 and are allowable due at least to their respective dependencies.

In the event the U.S. Patent and Trademark Office determines that an extension and/or other relief is required, applicants petition for any required relief, including extensions of time, and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing Docket No. **424662011500**.

Dated: December 21, 2007

Respectfully submitted,

By   
Adam Keser

Registration No. 54,217  
MORRISON & FOERSTER LLP  
1650 Tysons Blvd, Suite 400  
McLean, Virginia 22102  
(703) 760-7301

Attachments